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REPORT NO.

50X1

COUNTRY Poland

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DATE DISTR. 14 Dec. 1953

SUBJECT The Air Force Technical School in Zamosc

NO. OF PAGES 13

DATE OF INFORMATION

REFERENCES:

PLACE ACQUIRED

THIS IS UNEVALUATED INFORMATION

50X1

I. Identification Data:

Reference is made to Overlay of GSGS 4416, Sheet S-17, Pinpoint Location of Air Force Technical School in Zamosc.

Point # 1. Road: crushed rock, six meters wide, in poor condition.

2. Stalina Street: cobblestone, seven meters wide, fair condition. Leading north to Lublin $\angle N 51-15, E 22-34 \angle$.

3. Air Force Technical School.

II. Site Layout:

Reference is made to Memory Sketch of Air Force Technical School in Zamosc.

Point # 1. Road: reference is made to $\angle Pt. 1, Overlay \angle$.

2. Stalina Street: reference is made to $\angle Pt. 2, Overlay \angle$.

3. Wiezienna Street: crushed rock, five meters wide, poor condition.

4. Road: crushed rock, five meters wide, poor condition.

5. Fence: north, south and east sides of fence were wood, two meters high; the west side of fence was screen, two meters high. Fence surrounded school area of one by one kilometer. Eight armed guards were noted patrolling inside of fence.

~~CONFIDENTIAL~~

(2)

CONFIDENTIAL

-2-

50X1

- # 6. Entrance: iron picket gate, four meters wide, three meters high. Armed guard noted at entrance.
- # 7. Church: red brick, 40 x 20 x 7 m. with red tile covered gable type roof. Church formerly belonged to school; it is presently fenced away from school.
- # 8. Barrack: red brick, 20 x 10 x 4 m., with red tile covered gable type roof. Barrack housed officers, single and married with dependents.
- # 9. Officers' Club: red brick, 40 x 20 x 5 m., with red tile covered gable type roof.
- # 10. Guest House: gray brick, 20 x 15 x 4 m., with red tile covered gable type roof. Guest house was used by visiting families of soldiers.
- # 11. Guard Shack: gray brick, 10 x 15 x 4 m., with red tile covered gable type roof. Guard shack was occupied by an officer and one armed guard who checked soldiers' passes.
- # 12. Road: concrete, five meters wide, in good condition.
- # 13. Building: red brick foundation, other dimensions and construction unknown. This building was under construction [redacted] upon completion it was to be a new officers' club. 50X1
- # 14. Barracks: two-story, red brick, 30 x 15 m., with red tile covered gable type roof. Barracks housed single and married officers with dependents.
- # 15. Barracks: two-story, red brick, 40 x 20 m., with red tile covered gable type roof. Barracks housed officers, single and married with dependents.
- # 16. Barracks: [same as Pt. 15].
- # 17. Barracks: [same as Pt. 15].
- # 18. Barracks: two-story, red brick, 100 x 20 m., with red tile covered gable type roof. Barracks housed enlisted student personnel.
- # 19. Barracks: [same as Pt. 18].
- # 20. Guard House: red brick, 20 x 10 x 4 m., with red tile covered gable type roof.
- # 21. Officers' Mess: red brick, 40 x 20 x 5 m., with red tile covered gable type roof.
- # 22. Barracks: [same as Pt. 15].
- # 23. Barracks: [same as Pt. 15]; also a small commissary.
- # 24. Barracks: [same as Pt. 15].
- # 25. Road: crushed rock, five meters wide, fair condition.
- # 26. Building: two-story, red brick, 20 x 15 m., with red tile covered gable type roof. This building was used to interview soldiers arriving to attend school. The interviews consisted of determining what course the soldier would like to pursue, his entire past life, if he had relatives living in the West or US or his party affiliation. These interviews would take about two days and the soldiers would sleep in this building until the interviews

CONFIDENTIAL

(3)

CONFIDENTIAL

-3-

were completed. A record of the interviews would be kept with the soldiers' records at all times.

- # 27. School Building: red brick, 110 x 20 x 8 m., with red tile covered gable type roof. Subjects taught in this building were for armament and engine mechanics.
- # 28. School Building: same construction and dimensions as Pt. 27. Subjects taught in this building were for electricians, radio operators and mechanics, instrument mechanics and aerial photographers.
- # 29. Guard Shack: gray brick, 15 x 10 x 4 m., with tar paper covered shed type roof. This guard shack was used by installation guards during tour of duty.
- # 30. Road: concrete, five meters wide, good condition.
- # 31. Building: three-story, red brick, 40 x 20 m., with red tile covered gable type roof. Political training was given in this building.
- # 32. Laundry: red brick, 20 x 10 x 4 m., with red tile covered gable type roof.
- # 33. School Building: red brick, 30 x 15 x 4 m., with red tile covered gable type roof. Handicraft was taught in this building.
- # 34. Building: two-story, red brick, 80 x 20 m., with red tile covered gable type roof. This building was Air Force Technical School Headquarters.
- # 35. Building: red brick, 40 x 20 x 4 m., with red tile covered gable type roof. This building was used as a first aid station and dental clinic. Hospital was in Lublin.
- # 36. Barrack: two-story, red brick, 100 x 20 m., with red tile covered gable type roof. This barrack housed soldier personnel who were learning to be technicians; upon graduation they would receive commissions of Warrant Officer or 2nd Lt.
- # 37. Road: dirt, five meters wide, in poor condition.
- # 38. Barrack: red brick, 30 x 20 x 4 m., with red tile covered gable type roof. This barrack was a BOQ.
- # 39. Bakery: red brick, 20 x 10 x 4 m., with red tile covered gable type roof.
- # 40. Shower House: red brick, 20 x 10 x 4 m., with red tile covered gable type roof.
- # 41. Warehouse: red brick, 30 x 15 x 3 m., with red tile covered gable type roof. Warehouse contained small arms and small arms ammunition.
- # 42. Barn: red brick, 50 x 30 x 4 m., with red tile covered gable type roof. Barn housed pigs, cows and horses.
- # 43. Barn: [same as Pt. 42].
- # 44. Barrack: red brick, 30 x 20 x 4 m., with red tile covered gable type roof. This barrack housed permanent Party soldier personnel.
- # 45. Building: red brick, 20 x 10 x 4 m., roof construction unknown. This building was occupied by the school band.

CONFIDENTIAL

4

CONFIDENTIAL

-4-

- # 46. Mess Hall: red brick, 100 x 30 x 6 m., with red tile covered gable type roof. Mess hall was for enlisted personnel.
- # 47. Soccer Field: 150 x 100 m.
- # 48. School Building: red brick, 30 x 20 x 4 m., with red tile covered gable type roof. Handicraft was taught in this building.
- # 49. Barrack: wood, 40 x 15 x 4 m., with tar paper covered gable type roof. Barrack housed permanent Party soldier personnel.
- # 50. School Building: red brick, 40 x 20 x 4 m., with red tile covered gable type roof. Subjects taught in this building were for air-craft mechanics.
- # 51. Building: same construction and dimensions as Pt. 50. The east side of this building contained a soldiers' canteen, the west side was empty.
- # 52. Barrack: Same as Pt. 49.
- # 53. School Building: two-story, red brick, 30 x 20 m., with red tile covered gable type roof. Handicraft was taught on the first floor and drafting on the second floor.
- # 54. RR Track: single track, European standard gauge. Used for delivery of food stuffs to warehouse Pt. 56, and coke to mess hall Pt. 46.
- # 55. Firing Range: 100 x 30 m., with built up embankments.
- # 56. Warehouse: two-story, red brick, 100 x 30 m., with red tile covered gable type roof. Warehouse contained foodstuffs and uniforms.
- # 57. RR Track: single track, European standard gauge. Track was used for delivery of coke to mess hall Pt. 46, and foodstuffs to warehouse Pt. 56.
- # 58. Building: red brick, 15 x 15 x 4 m., with red tile covered gable type roof. This building was used for storage of tools which were used by students.
- # 59. Dirt Road: five meters wide; in poor condition.
- # 60. Fuel Storage Warehouse: red brick, 20 x 15 x 4 m., with red tile covered gable type roof. Fuel in this warehouse was stored in drums; this fuel was used by school aircraft.
- # 61. Aircraft: the following aircraft were parked in this area; two YAK-9-P, two IL-10, and three IL-2 types. Aircraft were used as student training aids.
- # 62. School Building: red brick, 70 x 15 x 4 m., with red tile covered gable type roof. Airplane General was taught in this building.
- # 63. Aircraft: the following aircraft were parked in this area: two PE-2 and six YAK-9-P. Aircraft were used as student training aids.
- # 64. School Building: Same as Pt. 62.
- # 65. Gymnasium: same dimensions and construction as Pt. 62.
- # 66. Aircraft: the following aircraft were parked in this area: two PO-2 and two YAK-9-P. These were used as training aids.

CONFIDENTIAL

5

CONFIDENTIAL

-5-

50X1

- # 67. School Building: same construction and dimensions as Pt. 62. Subjects taught in this building were chemical warfare, topography and camouflage.
- # 68. Garage: red brick, 70 x 15 x 4 m., with tar paper covered shed type roof. Total number of installation vehicles was about 10.
- # 69. Aircraft: the following aircraft were parked in this area: two PE-2, four IL-2, three YAK-9-P, two PO-2 and two UT-2 types. Aircraft were used as training aids.
- # 70. RR Track: single track, European standard gauge, leading south into Zamosc.
- # 71. City Barracks: about one kilometer south of installation in city of Zamosc. These barracks housed 800 to 1,000 soldiers who were students at the school.

50X1

III. Courses, Subjects, Hours and Equipment:

There were four cycles of courses at this school:

- Political (polityczny).
- Engine (silnikowy).
- Armament (uzbrojenia).
- Communications (sprzetu).

The communications cycle was broken down into four courses i.e., radio, photo, electrical and instrument. All students had to take the political course in addition to their regular course. The courses for soldiers were 10 months or about 1,800 hours. Those soldiers who were learning to be technicians had a 14 month course or about 2,500 hours, they would receive the rank of Warrant Officer or 2nd Lt. upon graduating. There were three courses for technicians, i.e., engine, armament and communications, and upon graduation they would become engineering, armament or communications officers. Students learning to become technicians were chosen by background, education, party affiliation, etc. All students were given a choice of course.

The following is a list of subjects and hours taught in the instrument mechanics' course.

<u>Subject</u>	<u>Polish</u>	<u>Hours</u>
Political Training	polityczne	240
Theory of Flying	Teoria Lotu	30
Aircraft Construction	Konstrukcja Samolotu	40
Engine Construction	Konstrukcja Silnika	60
Armament	Uzbrojenie	30
Aircraft Engine Instruments	Przyrzady Pokladowe Grupa Silnikowa	100
Gyro Instruments	Przyrzady Pokladowe Grupa Zyroskopowa	100

CONFIDENTIAL

(6)

CONFIDENTIAL

-6-

<u>Subject</u>	<u>Polish</u>	<u>Hours</u>
Oxygen Instruments	Przyrzady Pokladowe Grupa Tlenowa	80
Pilot and Navigational Instruments	Przyrzady Pokladowe Grupa Pilotazowonawigacyjna	100
Repair of Instruments	Remont Przyrzady Pokladowe	80
Exploitation of Instruments	Eksploatacja Przyrzady Pokladowe	80
Electricity General	Elektrotechnika	160
Electricity on Aircraft	Elektro Urzadzenia Samolotu	40
Radio General	Radio Technika	40
Handicraft	Rzemioslo	150
Drafting	Kreslenia Techniczne	40
Map Reading	Terenoznastwo	30
Equipment Recognition	Materialoznastwo	60
Air Force Camouflage	Maskowanie Lotnisk	30
Drill	Musztra	80
Army Regulations	Regulaminy	60
Small Arms Weapons	Wyszkolenie Strzeleckie	80
First Aid and Sanitation	Wyszkolenie Sanitarne	20
Infantry Tactics	Taktyka Piechoty	27
Gymnastics	Gimnastyka	80
Chemical Warfare	Chemia Wojskowa	40

The following is a list of aircraft instruments:

<u>Nomenclature</u>		<u>Polish</u>
T.M.I. - 3	Oil and fuel pressure, oil temperature gauge	Trojstrzalkowy indykator silnika
T.M.E. - 45	Electrical oil, water and air temperature gauge	Termometry elektryczne
T.E. - 200	RPM indicator	Obrotomierz
A.G.K. & A.G.K. - B	Horizontal indicator	Sztuczne horyzonty
P.D.K. - 49	Electromagnetic compass	Busole elektromagnetyczne
A.P. - 42	Automatic pilot	Pilot automatyczny
KI-11 & A-4	Magnetic compass	Busole magnetyczne
PDK-45	Remote compass	Busole odleglosciowe
A.W.R., A.C.Z.O. & A.C.Z.H.O.	Clocks	Zegarki czasowe

CONFIDENTIAL

7

CONFIDENTIAL

-7-

NomenclaturePolish

W.D.-12	Altimeter 12 stands for 12,000 maximum altitude	Wysokosciomierze
U.S.-800	Air speed indicator 800 maximum speed in KMPH	Szybkosciomierze
V-15, V-20 & V-35	Variometer	Wariometry
KP-12	Manual oxygen inhaler	Inchalator tlenowy
KP-14	Automatic oxygen inhaler	Inchalator tlenowy
KP-15	Automatic oxygen inhaler for jet aircraft	Inchalator tlenowy odrzutowego
AFA-IM	Aerial camera	
AFA-IB	Aerial camera	
RSB-3-BIS	Aircraft transmitter and receiver set for bombers	
RSI-4	Aircraft transmitter and receiver set for fighters	
RPK-10	Radio compass	
SPU	Aircraft intercom	
GS-10-350	Generator	
GS-500-B	Generator	
CS-30-1000	Generator	
GSK-1500	Generator	
UT-1	Water cooled motor	
UT-3	Oil cooled motor	
UR-2	Water and oil cooled motor	
UR-7-M	Landing gear motor	
GRSZ-1	Landing gear motor	
ART-46	Automatic temperature regulator	
AP-1	Landing gear motor works with the GRSZ-1	

IV. Air Order of Battle of the Air Force Technical School in Zamosc:

Reference is made to the Organizational Chart of Air Force Technical School in Zamosc. There were 12 battalions at this installation. Two of these battalions were composed of student technicians who would graduate as officers, the other 10 battalions were student mechanics who would graduate as NCO's. These battalions were numbered from I to XII in Roman numerals. Each battalion consisted of about 450 personnel; there were two companies to each battalion. There were a total of 24 companies.

CONFIDENTIAL

CONFIDENTIAL
-8-

50X1

from [redacted] There were three platoons to each company.

[redacted] The total number of personnel on the installation was about 5,250. A breakdown of these 5,250 personnel was: 3,840 student mechanics, 660 technician students who would graduate as officers, 500 permanent party who performed labor service and administrative duties and 250 instructors who were all officers.

[redacted] All officers who performed duties were drill, regulations, infantry tactics, etc. The exact number of classrooms at the school was 110; there were also about 10 classrooms for handicraft teaching. The 30 students to a class were called a group. The following is a breakdown of the number of groups to each individual course: instrument mechanics - three groups; electricians - 10 groups; armament - 20 groups; photography - one group; radio - 10 groups and engine - 90 groups. For technicians the breakdown was: communications - two groups; armament - five groups and engine - [redacted] the exact number.

50X1

50X1

V.

CONFIDENTIAL

9

Page Denied

CONFIDENTIAL

-10-

50X1

VI. Additional Information:

50X1 [redacted] all students completed school, regardless of grades. Those who received bad grades did not receive graduation diplomas. One per cent did not receive diplomas. Students who completed school but did not receive diplomas, did not receive any rank either; their specialty was in the course that they had completed but they were considered in an On-the-Job training status. Students who received diplomas also received the ranks of Cpl. or Junior Sgt. Technicians who did not receive diplomas, received ranks of Cpl. to Senior Sgt.; technicians who received diplomas received ranks of Warrant Officer or 2nd Lt.

ANNEXES:

- A. Pinpoint Location of Air Force Technical School in Zamosc
- B. Memory Sketch of Air Force Technical School in Zamosc
- C. Organizational Chart of Air Force Technical School in Zamosc

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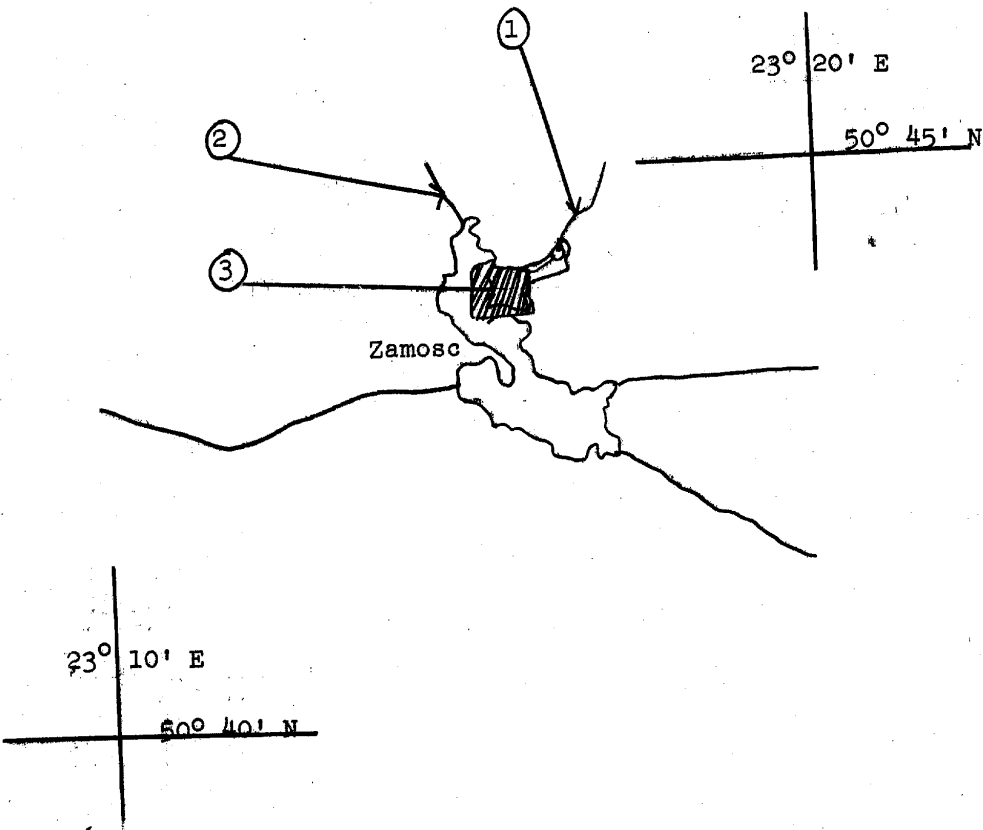
11

CONFIDENTIAL
-11-

50X1

ANNEX A:

Pinpoint Location of Air Force Technical School in Zamosc



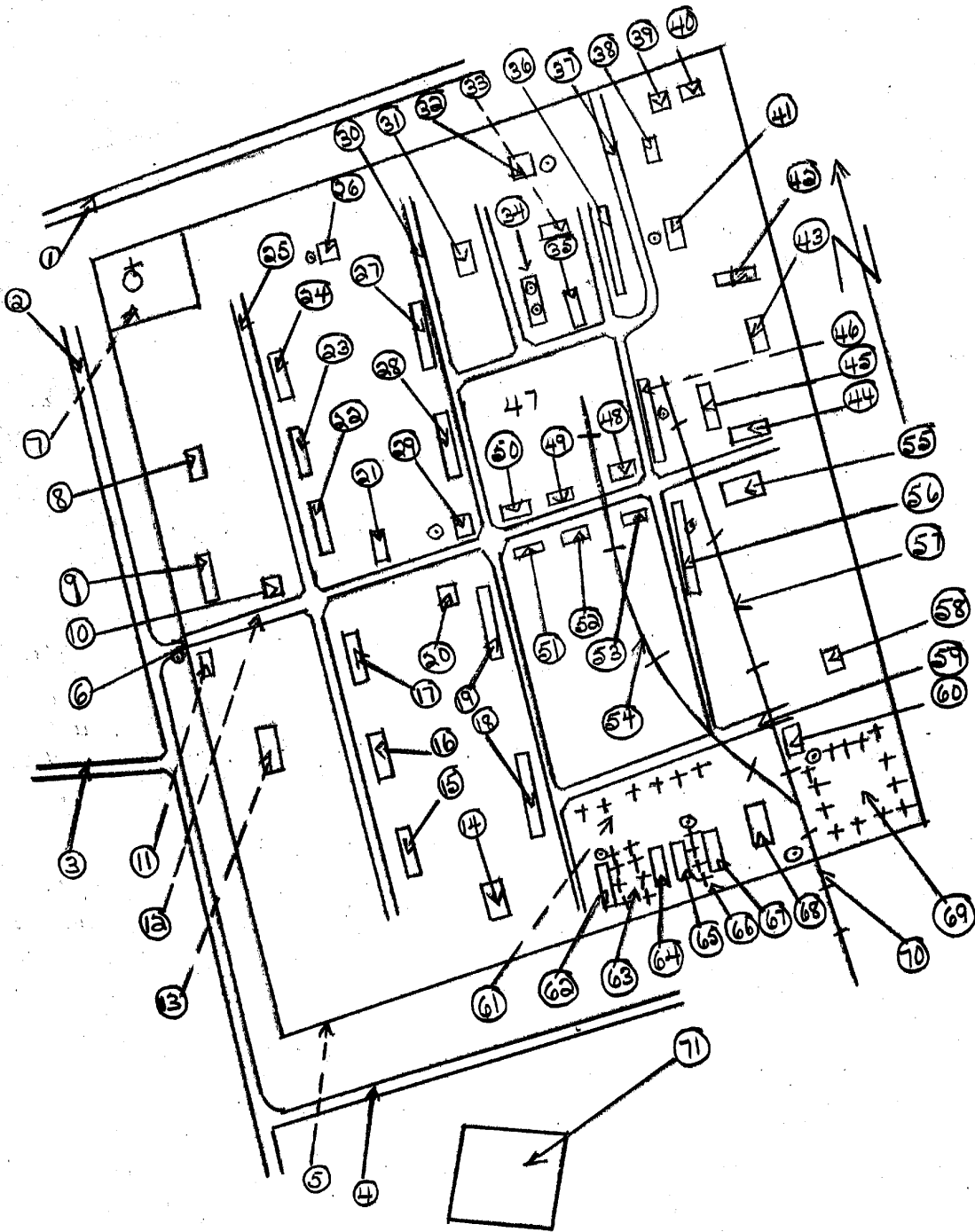
CONFIDENTIAL

17

CONFIDENTIAL
-12-

50X1

ANNEX B:
Memory Sketch of Air Force Technical School in Zamosc



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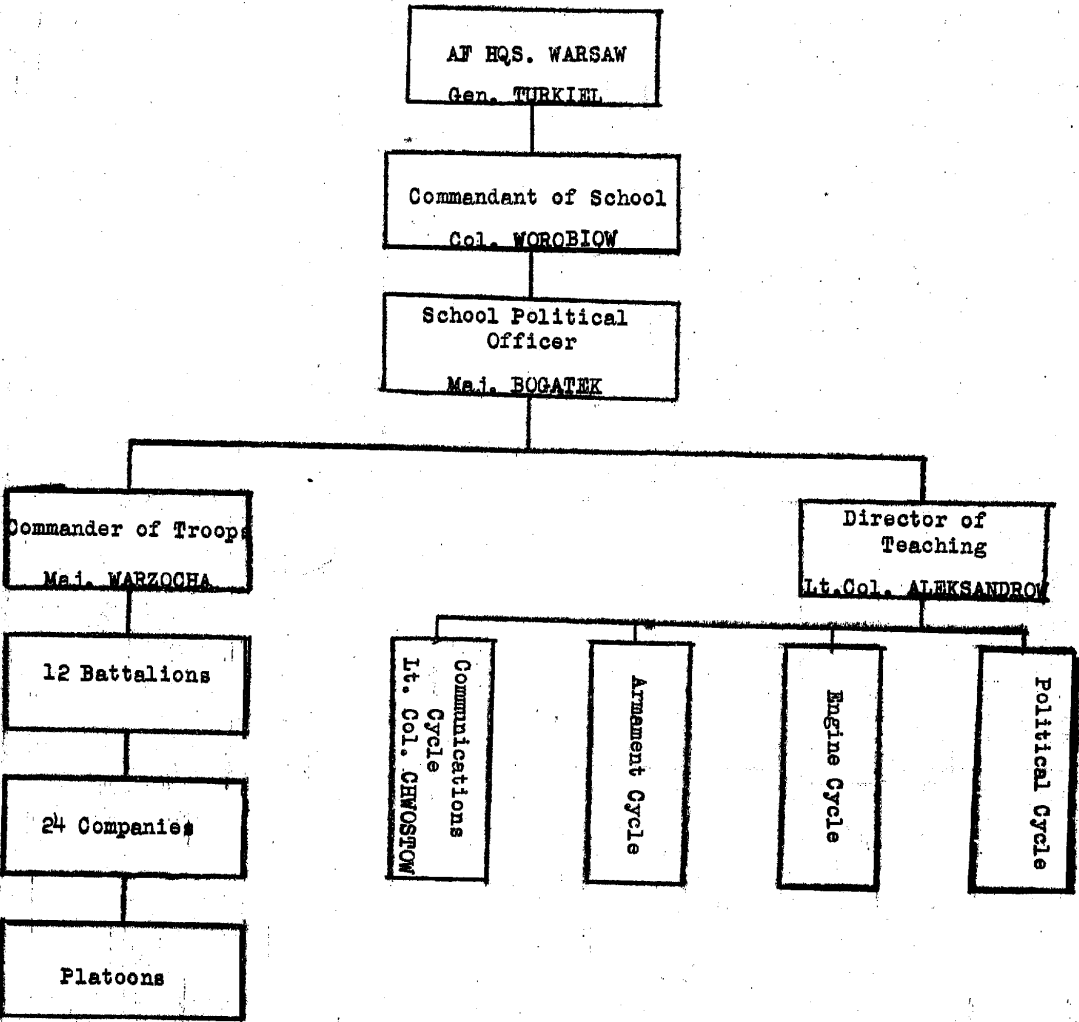
13

CONFIDENTIAL
-13-

50X1

ANNEX C:

Organizational Chart of Air Force Technical School in Zamosc



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